

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FERNANDEZ *et al.* Attorney Docket No.: FERN-P001C

Serial No.: (not yet assigned) Group Art Unit: 2713

Filed: 03/19/1998 Examiner: Vo, T.

5 Title: INTEGRATED NETWORK FOR MONITORING REMOTE OBJECTS

PRELIMINARY AMENDMENT

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

10 Sir:

IN THE SPECIFICATION

Please insert the following text underneath the title to claim the priority of the parent application:

15 --RELATED U.S. APPLICATION DATA--

On the next line, please insert:

--This Application is a divisional of U.S. Patent application Serial No. 09/045,412, entitled
“INTEGRATED NETWORK FOR MONITORING REMOTE OBJECTS” by FERNANDEZ, et
al., filed on 3/19/1998.--

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IN THE CLAIMS

Please cancel claims 1-15 and claims 18-21.

Please amend the following claims 16-17:

25

1. [16] (Amended) In a console processing unit coupled via the Internet to at
least one fixed detector and at least one mobile sensor, a data structure for representing a
monitored object, the data structure comprising:

an object identifier;

30 a first object location and a time monitored at such location, provided by a
detector coupled to the console processing unit; and

a second object location and a time monitored at such location, provided by a sensor coupled to the console processing unit.

2. [17] (Amended) The data structure of Claim 2 [16] further comprising:

a scheduled object location and a time scheduled for such location.

Kindly add new Claim 3 as follows:

3. (New) The data structure of Claim 1 wherein:

a position signal being generated by the detector coupled to the monitored object when such object is moveable within an observable range, a visual signal being generated by the sensor uncoupled to such object in the observable range.

Kindly add new Claim 4 as follows:

4. (New) The data structure of Claim 1 wherein:

the detector comprises an accelerometer.

Kindly add new Claim 5 as follows:

5. (New) The data structure of Claim 1 wherein:

a software agent associated with the monitored object accesses a database.

Kindly add new Claim 6 as follows:

6. (New) The data structure of Claim 1 wherein:

the object identifier comprises an object name, an object group, an object query, an object condition, an object status, an object location, an object time, an object error, or an object image, video, or audio broadcast signal.

Kindly add new Claim 7 as follows:

7. (New) The data structure of Claim 3 wherein:

the observable range is modifiable according to a rule set.

Kindly add new Claim 8 as follows:

8. *(New)* The data structure of Claim 1 wherein:
the monitored object is monitored temporarily using an extrapolated or last-stored
positional or visual signal.

5 Kindly add new Claim 9 as follows:

9. *(New)* The data structure of Claim 1 wherein:
the monitored object is authenticated according to a voice pattern, a finger-print
pattern, a handwritten signature, or a magnetic or smart-card signal.

10 Kindly add new Claim 10 as follows:

10. *(New)* The data structure of Claim 1 wherein:
the monitored object is provided an electronic file comprising a book, a greeting
card, a news report, a sports report, a stock report, an artwork, a research database, a
personal list, a recorded or live voice or music transmission, an electronic tool, or a
15 commercial transaction.

 Kindly add new Claim 11 as follows:

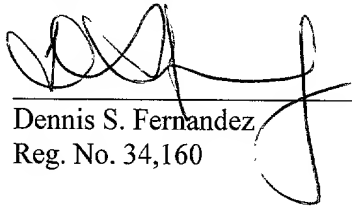
11. *(New)* 1. In a console processing unit coupled via the Internet to at least one
fixed detector and at least one mobile sensor, a method for processing a data structure for
20 representing a monitored object, the method comprising the step of:

 transmitting to a processor in a network a data structure comprising an object
identifier, a first object location and a time monitored at such location, the first object
location being provided by a detector coupled to a console processing unit, and a second
object location and a time monitored at such location, the second object location being
25 provided by a sensor coupled to the console processing unit.

REMARKS

Applicants elected Group III, Claims 16-17, for further prosecution as a divisional application in the parent application, serial No. 09/045,412. Claims 1-15 and 18-21 have been canceled without prejudice. Applicants added new claims 5-11. No new matter is added.

Respectfully submitted,



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Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)
 "EXPRESS MAIL" Mailing Label Number: EL690341585US Date of Deposit: 3/29/2001
 I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE
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 Patents, Washington, DC 20231
 Name: Maritza Kidd
3/29/2001
 Signature Date Maritza Kidd
 Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: FERNANDEZ, et al
 Serial No.: (not yet assigned)
 Filed: 3/18/1998
 For: INTEGRATED NETWORK FOR MONITORING REMOTE OBJECTS

Attorney Docket No. FERN-P001C
 Examiner: VO, T.
 Art Unit: 2713

Assistant Commissioner of Patents
 Washington, D.C. 20231

AMENDMENT TRANSMITTAL LETTER

Dear Sir:

1. **TRANSMITTED DOCUMENTS:** the following documents relating to the above-identified patent application are being transmitted herewith.

- ☒ a. An Amendment for this application-divisional: 4 pages.
- ☐ b. Substituted informal Drawings: _____ sheet.
- ☐ c. A Petition For Extension of Time For Response under 37 CFR 1.136(a) incorporated herein.
- ☐ d. An Information Disclosure Statement under 37 CFR ____ 1.97(b) ☒ 1.97(c)
- ☒ e. A stamped, self-addressed, return postcard.
- ☐ f. A Check No. _____ for \$ _____ to cover required fees of this correspondence.

2. **APPLICANT FILING STATUS:**

- ☐ a. Applicant is a Large Entity.
- ☒ b. Applicant is a Small Entity.

3. **EXTENSION OF TIME:**

- ☐ a. Applicant petitions for an extension of time under 37 C.F. R. 1.136 for the total number of months checked below (fees pursuant to 37 C.F.R. 1.17(a)-(d).

<u>Extension of Time</u>	<u>Large Entity Fee</u>	<u>Small Entity Fee</u>
i. One (1) month .	____ \$ 110.00	____ \$ 55.00
ii. Two (2) month .	____ \$ 390.00	____ \$ 195.00
iii. Three (3) month .	____ \$ 890.00	____ \$ 445.00
iv. Four (4) month .	____ \$ 1,390.00	____ \$ 695.00
v. Five (5) month .	____ \$ 1,890.00	____ \$ 945.00

Extension Time Fee Total: \$.00

- ☒ b. Applicant believes that no extension of time is required. However, this conditional petition is being made in case Applicant has inadvertently overlooked the need for a petition for extension of time.

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4. FEE CALCULATION:

The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid	Present Extra Claims	Fee Rate	Total
a. Total Claims	11	- 20 =	0	x \$ 18.00 Large Entity x \$ 9.00 Small Entity	\$
b. Independent Claims	2	- 3 =	0	x \$ 78.00 Large Entity x \$ 39.00 Small Entity	\$
c. Multiple Dependent Claims Added By This Amendment				x 260.00 Large Entity x 130.00 Small Entity	
d. Extension of Time Fee Total, if any, from above EXTENSION OF TIME section 3a.					\$.00
e. Additional Fees Required With This Correspondence					
i) 1.17 (p) Fee for Information Disclosure under 1.97(c)					\$.00
e. Total Fees					\$.00

5. PAYMENT OF FEES

The full fee due in connection with this communication is provided as follows:

_____ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

_____ A Check # _____ for \$ _____ for the above specified Total Fee is enclosed. However, should Applicant inadvertently miscalculated the required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**.

 X Applicant does not believe that any payment of fee is needed in association with this communication. However, should Applicant inadvertently miscalculated the required fee, the Commissioner is hereby authorized to charge any necessary amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**.

Please direct all correspondence concerning the above-identified application to the following address:

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3/29/2001
 Date